Enduring Freedom Combat Assessment Team

Initial Observations on CE Areas of Interests

Operation IRAQI FREEDOM

August 2003

Overview

- Background
- C4
- Intel

Background

- Sources
  - Observations reflect input from Intel, Comm, and other Staff Officers and Commanders from infantry companies to MEF and MARCENT.
  - Coalition Staffs
- Successes and Areas for Improvement

C4 in Operation Iraqi Freedom

Captain Kevin S. Langley
Enduring Freedom Combat Assessment Team

Overview

- Comm Worked
  - Still have room for improvement
- 80% of USMC Comm Assets in Support

C4 Initial Observations

- Advanced Data Training
- Global Information Grid (GIG) Policies & Standards
- The Digital Divide
- C4 New Technologies T/O and T/E Mismatches

Advanced Data Training

"Progressive data network training must keep pace with advancing technologies."

IMEF G-6 After Action Report

- Configuration Management
- Network diagrams/planning
- Routing Fundamentals
- Network Switching Fundamentals
- Name Resolution (WINS and DNS)
- Exchange
- Veritas Backup Solutions
- DSIDS (Firewall)
- Network Monitoring/Management
- C2 Systems
- NT Server
- Messaging
- VLANS
- Audio/Video Teleconferencing
- EPLRS (IPs and Planning)
- VPN
- Solaris
- Database
- X.400

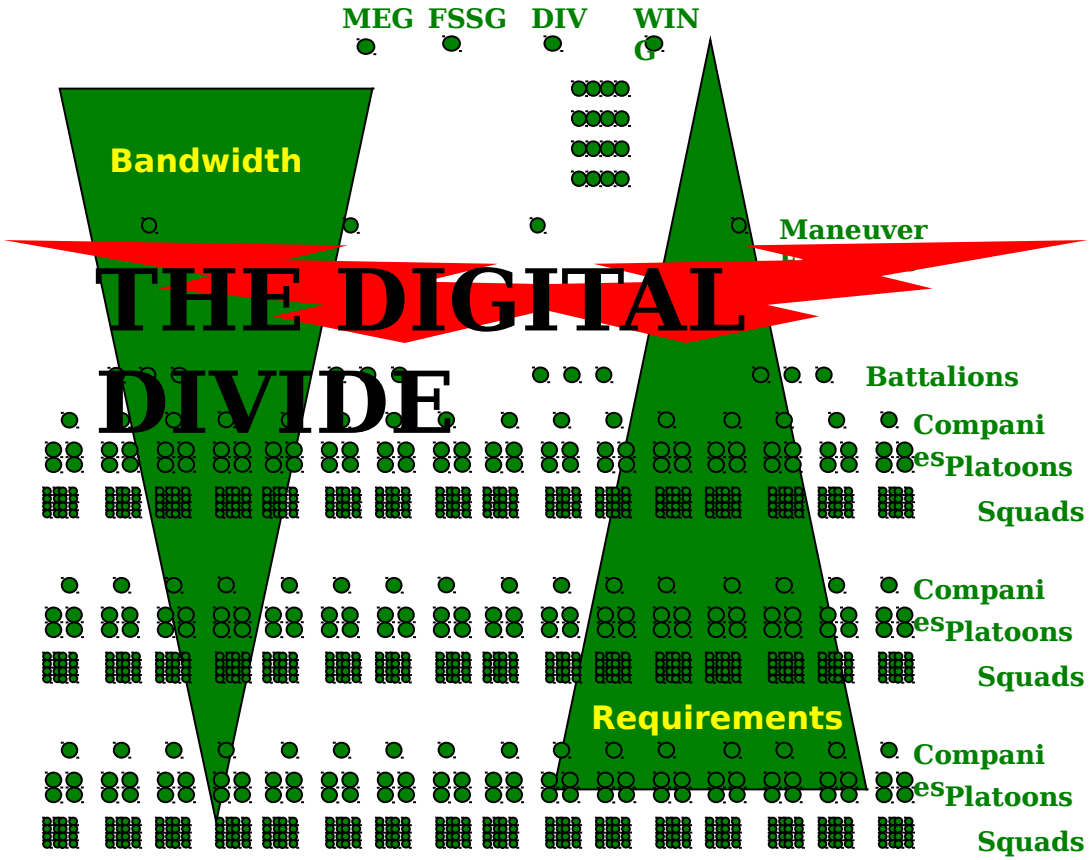
A regional training team and data lab would help meet the MEF/MSC training requirements throughout the year.

Global Information Grid (GIG) Policies/Standards

- Policies/Standards differ between Services & Combatant Commands
  - CENTCOM established policy of centralized Promina control
  - ***Affected availability of the network to tactical units in combat.***
- Other GIG Global Policy issues:
  - SIPRNET Firewall Management
    - CENTCOM Mandate- Others not required
  - Routing Protocols
    - Army & USMC use different Protocols

The Digital Divide

The Need for BLOS Information on the Move



Key Systems

- **BFT**
- **MDACT**
- **SMART-T**
- **MRC-142**
- **PSC-5**

Additional systems must be accompanied by increased bandwidth or improved bandwidth efficiency.

C4 T/O and T/E Mismatch to New Technologies

- IMEF: *"T/O is not going to increase but distribution needs to change. Analog billets need to change to digital jobs."*
- RCT-1: *"New fielding of equipment is overwhelming, in addition, the T/O is not changing."*
- I MEF:*"T/O during war is inadequate."*
- MARCENT: *"A Comm Brigade is needed."*
- 9thComm: *"Need to conduct T/O and T/E review."*
- 3d MAW: *"G-6 T/O is insufficient to fight a war 24/7 at multiple locations."*
- 1st FSSG: *"A significant overhaul with communications T/O and T/E to support a "standing" combat configuration for 1st FSSG is required."*
- 1st MarDiv: *"Complete and total review of T/O and T/E is needed to address today's comm requirements. We're working with an Analog T/O in a digital world."*

The Takeaways

- Training
- One Global Standard
- “The Digital Divide”
- T/O T/E review

Intelligence Operations in Operation Iraqi Freedom

Major J.P. Myers
Enduring Freedom Combat Assessment Team

Background

- The effort to provide timely, accurate, and relevant intelligence to commanders and operating forces during the conduct of OIF was met, but overcame many challenges.
- High-tempo, irregular, maneuver warfare posed most significant obstacle.
- Digital Divide; Theater → Tactical
- Analytical Staff Inexperience

Intelligence Issues

- Collection Asset Employment
- Imagery and Geospatial Analysis
- Intelligence Systems
- Intelligence Threat Data Fusion And Dissemination
- Signals Intelligence
- Human Intelligence
- Communications in Support of Intelligence Operations
- Intel Input to Targeting Process
- Reserve Intel Augmentation
- Support From National and Theater-level Intelligence Organizations
- Coalition Intelligence Operations

Collections

Strengths

- Theater/Tactical UAVs
- P-3 AIP
- JSTARS
- Litening Pod (For CAS)

Areas for Improvement

- Collections Management
- ATARS
- Litening Pod (for Intelligence Imagery)
- Force Recon Employment as Intel Asset
- Ground Sensors

Imagery/Geospatial

Strengths

- Unprecedented Number of Dedicated Systems
- Topographic Detachment Support

Areas for Improvement

- Precision Mensuration
- Unrealistic Expectations of Imagery Capabilities
- Imagery Demand Too High
- Fusion of Geospatial and Imagery Intel
- National Imagery At Tactical Level

Intelligence Systems

Strengths

- IOW
- RRS
- TEG-E/TEG
- Topscene
- Falconview
- DTAMS

Areas for Improvement

- Systems Training
- IAS
- CTP/COP
- MDACT/EPLRS
- IPL
- Intel Applications
- Environmental Conditions

Threat Analysis and Dissemination

Strengths

- “Reach back” (MEF and above)
- Phase I Intelligence Support (Kuwait)
- Inter-Service Coordination
- Web-based Chat
- Employment of LNO’s

Areas for Improvement

- All Source Fusion
- Predictive Analysis
- Dissemination
- Intel Courier System
- Combat Reporting
- Document/Equipment Exploitation
- OGA Interaction

SIGINT

Strengths

- Air Based SST
- 3rd MAW EWCC
- Navy EP-3 Support
- EA-6B EW

Areas for Improvement

- Equipment Outdated
- Fusion of SIGINT Data
- National Support
- Linguist Shortage
- Early Operational Restrictions
- Exercise Training Unrealistic

HUMINT

Strengths

- Tactical Level Support
- Technical Security Control Measures (TSCM)
- Reserve CI Company

Areas for Improvement

- Linguist Shortage
- Operational Relationships
- Exercise Training Unrealistic

Communications in Support of Intelligence

Strengths

- Trojan Spirit at Tactical Level
- Global Broadcast Service (GBS)
- Iridium Phones
- Tactical Common Data Link (TCDL)

Areas for Improvement

- Talking and Moving
- Trojan Lite Wasn’t
- Bandwidth
- NDCS?
- MRS?

Targeting

Strengths

- UAV Cueing
- HUMINT Cueing

Areas for Improvement

- Targeting Cycle Non-Responsive
- Unconventional Threat Targeting
- Collateral Damage Estimation
- Battle Damage Assessment

Reserve Intel Augmentation

Strengths

- Integrated Staff
- Training and Readiness of Prior Intel Marines

Areas for Improvement

- Integrated Late in Planning Process
- Non-Intel Marines Not as Capable

Intelligence Staff Skill Sets

Strengths

- 0203s
- Basic Intelligence Skills

Areas for Improvement

- Training and Experience Levels of Analysts
- Staffing Patterns

National Agency Intelligence Support

Strengths

- NIMA
- MCIA
- NGIC

Areas for Improvement

- Support To Tactical Units
- Information Overload

Coalition Intelligence Operations

Strengths

- Staff Integration
- Asset Sharing
- Joint Planning

Areas for Improvement

- Communications Compatibility
- CENTRIX
- Classification Issues